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MARQUETTE UNIVERSITY

COLLEGE OF DENTISTRY

BULLETIN OF MARQUETTE UNIVERSITY
SERIES III. VOL. 6. NUMBER 4. APRIL, 1921.



ANNUAL CATALOGUE

COLLEGE OF DENTISTRY

1921-1922

PUBLISHED MONTHLY BY MARQUETTE UNIVERSITY
MILWAUKEE, WISCONSIN.

Entered as SECOND CLASS Matter April 12th, 1916 at the Post Office at Milwaukee,
Wisconsin, Under the Act of August 24th, 1912.

CALENDAR FOR 1921-1922.

1921

September 30-October 1—Registration days.

October 3—Lectures begin.

November 24—Thanksgiving holiday.

Christmas holidays.

1922

February 1-4—Semester examinations.

February 6—Second semester begins.

Easter holidays.

May 29—Final examinations begin.

June 3—Second semester ends.

Commencement exercises—Date to be announced.

The session 1922-1923 will begin on October 2, 1922.

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For Information Address:
MARQUETTE UNIVERSITY COLLEGE OF DENTISTRY
Ninth and Wells
Milwaukee, Wisconsin

PUBLISHED MONTHLY BY MARQUETTE UNIVERSITY
MILWAUKEE, WISCONSIN.

Entered as SECOND CLASS Matter April 12th, 1916 at the Post Office at Milwaukee,
Wisconsin, Under the Act of August 24th, 1912.

Rev. Herbert C. Noonan, S. J.....President of the University
Henry L. Banzhaf, B. S., D. D. S., F. A. C. D.
Dean of the College of Dentistry
Robert G. Haukohl, A.B.....Registrar of the College of Dentistry

Rev. Herbert C. Noonan, S. J. Lecturer on Ethics.
Henry L. Banzhaf, B. S., D. D. S., F. A. C. D.
Professor of Operative Dentistry.

Andrew J. Kuhnmuensch, D. D. S.
 Professor of Dental Pathology and Therapeutics.
 George H. Carter, D. D. S. Director of the Dental Infirmary.
 Matthew N. Federspiel, B. S., D. D. S., M. D., F. A. C. S.

	Professor of Oral Surgery.
Hart J. Goslee, B. S., D. D. S.,	Professor of Prosthetic Dentistry.
Otto G. Krause, D. D. S.	Professor of Prosthetic Dentistry.
Arthur A. Jennings, D. D. S.	Professor of Prosthetic Dentistry.
Hugh C. Russell, Ph. G., M. D.	Professor of Materia Medica.
Daniel Hopkinson, M. D.,	Professor of Pathology and Bacteriology.
Daniel M. Loughlin, M. D.	Professor of Anatomy.
Maximillian A. Bussewitz, M. A., M. D.,	Professor of Physiology.
William Hopkinson, D. D. S.	Professor of Histology.
Frederick C. Mayer, Ph. C., B. S.	

	Professor of Chemistry and Metallurgy.
Raymond J. Wenker, B. S., M. D., D. D. S.,	Professor of Orthodontia.
William J. H. Benson, D. D. S.	Professor of Dental Anatomy.
Rev. John B. Kremer, S. J.	Professor of Physics.
Harry G. Morton, D. D. S.	Professor of Preventive Dentistry.
Arthur F. Rheineck, M. D.	

Associate Professor of Histology and Bacteriology.
LeGrand M. Cox., M. D., D. D. S.
Assistant Director of the Dental Infirmary.
Charles T. Rosenbaum, D. D. S.
Assistant Professor of Operative Dentistry.

George W. Wilson, D. D. S.

Assistant Professor of Operative Dentistry.

Gerald Savage, M. D.

Assistant Professor of Anatomy.

William H. Atwood, M. A.

Assistant Professor of Biology.

John Giesen, M. A.

Assistant Professor of Biology.

Robert G. Haukohl, A. B.

Assistant Professor of English.

Ernest F. Wallner, B. S.

Assistant Professor of Chemistry and Materia Medica.

Roy S. Hopkinson, D. D. S., Instructor in Anesthesia and Exodontia.

Henry J. Luehring, D. D. S.

Instructor in Dental Histology and Embryology.

William H. Reuter, D. D. S.

Instructor in Pathology and Bacteriology.

Arno C. Gauerke, D. D. S.

Instructor in Operative Dentistry.

Arthur C. Rhode, B. S., D. D. S.

Instructor in Orthodontia.

William H. Bennett, LL. B., Instructor in Dental Jurisprudence.

James C. Mortonson, D. D. S.

Instructor in Gold Inlay Work.

Mort H. Mortonson, D. D. S.

Instructor in Gold Inlay Work.

George A. Searcliff, B. S., M. E.

Instructor in Drawing.

Rev. George A. Deglman, S. J., Ph. D.

Instructor in Applied Psychology.

William H. Strass, M. D.

Instructor in Histology.

Adelbert J. Noetzel, D. D. S.

Instructor in Dental Anatomy.

Clarence F. McDonald, A. B.

Instructor in English.

Wilfred L. Seng, B. S., D. D. S., Instructor in Prosthetic Dentistry.

Timothy W. O'Donovan, A. B., M. D.

Instructor in Anatomy.

Edward L. Theuringer, M. D.

Instructor in Pathology.

Dexter Witte, A. B., M. D.

Instructor in Principles of Surgery.

Oscar Wagonner, B. S.

Instructor in Radiology.

Joseph A. Purtell, M. D.

Instructor in Physical Diagnosis.

Edward Miller, D. D. S.

Instructor in Infirmary.

Robert Braun, M. D.

Instructor in Anatomy.

Charles O. Leidgen, D. D. S.

Infirmary Instructor.

Harry D. Leviash, D. D. S.

Infirmary Instructor.

John J. Maciosek, D. D. S.

Instructor in Prosthetic Dentistry.

John V. Sengpiel, D. D. S.

Instructor in Operative Dentistry.

John E. Watt, D. D. S.

Infirmary Instructor.

Alvin J. Brah, M. D.

Instructor in Physiology.

Alphons C. Albert, D. D. S.

Infirmary Instructor.

Arthur Sandner, D. D. S.

Instructor in Preventive Dentistry.

Edward C. Voelker, D. D. S.

Instructor in Dental Histology and Embryology.

Walter A. Kelly, D. D. S.

Instructor in Prosthetic Dentistry.

ASSISTING STAFF.

Laura Ambelang.	Radiographic Technician.
Selma Gauerke.	Infirmary Clerk.
Anna Habermann, R. N.	Exodontia Nurse.
Bessie Kittleson, R. N.	Surgical Nurse.
Blanche St. Louis.	Infirmary Sterilizer Attendant.
Lane Newberry.	Assistant in Biology.
Henry L. Klingbeil.	Assistant in Physics.
Bernard Madden.	Assistant in English.
Frances Knoblauch, R. N.	Anesthetist.
Rosella Sullivan, R. N.	Surgical Nurse.
Grace Greenwood, R. N.	Pathological Technician.
Ella Hagan.	Librarian.

FACULTY COMMITTEES.

Student Affairs—Drs. Carter and Jennings, Prof Haukohl.
 Library and Museum—Drs. Kuhnmuench and Laughlin, Prof Mayer.
 Course of Study—Drs. W. Hopkinson, Bussewitz and Wilson.
 Post-Graduate Instruction—Drs. Federspiel, Krause and Morton.
 Extension Courses—Prof. Atwood, Drs. R. Hopkinson and Wenker.
 Post-Graduate Scholarships—The Dean, the Registrar, and a third member to be chosen just before the Committee functions.

The Dean is a member ex-officio of all committees.

REQUIREMENTS FOR ADMISSION.

In order to be admitted to this school the student must be in possession of a diploma from an accredited high school or academy that requires for graduation the completion of a four year course of at least fifteen units (thirty credits) beyond the eighth grade of the elementary school. The actual possession of a diploma is a requisite; a general education that is equivalent to a high school education will not admit the student.

Each student is required to submit a copy of his high school record upon a blank which may be secured from the University upon application. This credential must be signed by the principal of the high school or academy.

The only exception to this rule is in the case of a student who is not in actual possession of a high school diploma, but who (1) was admitted to an approved standard college, normal school, or university, and who (2) has successfully completed at least one semester of work of collegiate grade at the college, normal school, or university, and who (3) has, as a result of his attendance in these institutions earned a minimum of at least sixteen units of high school credits. Such a student is invited to submit his credentials for examination. If it is found that he has earned at least sixteen units of high school credits, he may be admitted.

A student who is in possession of a partial high school education is advised to return to the high school in order to secure his diploma. No entrance examinations are given.

Students who are about to enter high school or who have taken part of the high school course are invited to write to the Registrar for advice as to what high school studies should be taken as a preparation for dentistry.

ADMISSION TO ADVANCED STANDING.

A student who desires to transfer to this school from another recognized dental school, must present credentials signed by the Dean or Registrar of the school from which he is transferring. No student who has incurred a condition, an incomplete, or a failure in any subject at the dental school from which he desires to transfer, will be accepted. The transferring student must furnish evidence that he is in possession of a high school diploma.

Students who present less than thirty semester hours (one full year) of credit from a standard college, normal school, or university may receive credit for the work that they have completed but shall be required to attend the dental college for four full years.

Students who present at least thirty semester hours (one full year) of credit from a standard college, normal school, or university

in addition to a full high school education, and present satisfactory credits for one full year of college English, one full year of college chemistry, and one full year of college biology, provided these subjects are fully equivalent to the corresponding branches of the first year of the dental curriculum, may be given credit for one semester in time and may be allowed to complete the dental course in three and one-half years. Such students will be admitted to the dental college at the beginning of the second semester in February. They will not be admitted at the beginning of the first semester.

Students who present sixty or more semester hours of credits (two or more years) from a standard college, normal school or university in addition to a full high school education, and who present credits for one year of college English, two years of chemistry, one year of physics, and one year of biology, provided these subjects are fully equivalent to the corresponding branches of the first year of the dental curriculum, may be given credit for one year in time and may be allowed to complete the dental course in three years and one summer session.

No student applying for advanced standing from any institution other than a dental college may be given more than one year credit in time.

Students who present acceptable credits for one or more years of college chemistry from a school other than a dental school will take note that they will be required to take forty-eight hours of dental metallurgy during the second semester of the first year.

MATRICULATION.

When the prospective student has made up his mind to attend, he should send in his matriculation fee of \$10.00 by money order, or Milwaukee or Chicago bank draft. A receipt will be sent by return mail. Students should arrive in Milwaukee on September 30. There is no necessity of coming to Milwaukee before that date.

Entrance credentials of new students should be in the hands of the Registrar by September 15. A blank form for high school credentials is issued by the University. A copy should be secured from the Registrar who will send it on request. This blank must be filled out and signed by the principal of the high school, or academy, or other preparatory school from which the prospective dental student graduated. It must then be returned to the Registrar.

REQUIREMENTS FOR GRADUATION.

The degree of Doctor of Dental Surgery is conferred upon the completion of a four year course of study, each year to consist of thirty-two weeks, and each week to consist of six days of school work. The

candidate must be twenty-one years of age and must possess a good moral character. He must have passed in all branches of the curriculum.

BACHELOR OF SCIENCE DEGREE.

Students who present a sufficient number of credits from a standard college, normal school, or university may, by taking a number of courses in the College of Arts and Sciences, qualify for the degree of Bachelor of Science in addition to the degree in dentistry. Such students should consult with the Dean of the College of Arts and Sciences before the end of the Freshman year.

SCHOLARSHIP, PROMOTION, ATTENDANCE.

1. The passing mark is seventy-five.
2. A grade between sixty and seventy-five shall be deemed a condition.
3. Inability to pass the first examination for the removal of a condition shall cause the student to be marked failure in the branch.
4. A grade below sixty shall be deemed a failure. A failure may be removed only by the repetition of the course in part or entirely.
5. A student who has conditions or failures in more than forty per cent of his course for any semester shall automatically be dropped from the school.
6. A student who fails to remove a condition or failure within twelve months from the time it was incurred shall automatically be dropped from the school. The fees of such a student will not be returned.
7. A student who, in the opinion of the Faculty, cannot develop the necessary finger-skill to become a successful dentist, will be dropped from the school regardless of the character of his standings.
8. A student who has three or more standings below eighty per cent in any semester may be dropped from the college if it is thought best to do so by the Faculty.
9. A student who is dropped under the conditions explained in paragraphs five, six, seven, or eight, just preceeding cannot under any circumstances be re-admitted to this college.
10. A student may not be promoted to the next higher class if he has conditions or failures in more than twenty per cent of his course.
11. A student must have an attendance record of at least eighty-five per cent in order to receive a grade in any subject. At the beginning of the year the Dean issues certain regulations concerning attendance. The work that is missed due to absences must be made up under faculty direction. Absences, unless due to illness or to some unavoidable personal emergency, subject the student to certain penalties.

REQUIREMENTS OF STATE DENTAL BOARDS.

After a student has graduated from a recognized dental college he must, in order to secure a license to practice dentistry, pass the examination of the State Board of Dental Examiners in the state where he desires to practice. Some states, Wisconsin among them, allow students who have completed three years of the course to take the examination in six of the most difficult scientific subjects at the end of the third year, thereby lightening the final examination for license so that the student is saved much unnecessary worry.

HISTORICAL STATEMENT.

The college of dentistry was opened to students on September 26, 1894. At that time, it was conducted as one of the departments of the Milwaukee Medical College. In 1907 the colleges of dentistry, pharmacy, and medicine, affiliated with Marquette College, and Marquette University was formed. The university soon after added the departments of engineering, law, journalism, music, and business administration. In 1912, following the complete reorganization of the college of medicine, the college of dentistry, which had up to this time been an affiliated portion of the university, became an integral part of the university. The Dental Department of the Wisconsin College of Physicians and Surgeons was absorbed at this time.

The university recently purchased two square blocks in the heart of Milwaukee on Grand Avenue near Sixteenth Street. On this tract it is planned to erect a new dental building, as well as a gymnasium and other necessary buildings. The architects have completed the plans for the new dental building and the blue prints are on exhibition at the registrar's office. The erection of the new building will commence as soon as the Board of Trustees consider it an opportune time to do so.

Marquette University is the second largest institution for higher education in Wisconsin. It has an enrollment of three thousand five hundred students, four hundred and fifty of whom are studying dentistry.

RATING OF THE COLLEGE.

The college is designated as a Class A Dental School by the Dental Educational Council of America.

EQUIPMENT.

The College possesses all of the class rooms, laboratories and equipment necessary to teach dentistry. The biological, chemical, physical, and drawing laboratories of the Arts and Science College are used by dental students. The College will, beginning with September 1921, possess a new dental infirmary.

The College possesses a rapidly growing indexed dental library. Contributions to the museum which is being built up will be gratefully received.

FEES.

Tuition Fee.

First semester, payable October 1.....	\$115.00
Second semester, payable February 1.....	110.00

Tuition fees, each year.....	225.00
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Matriculation Fee.

Freshman year only. Payable before October 1.....	10.00
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Graduation Fee.

Senior year only. Payable May 1.....	15.00
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No student will be admitted to classes until the fees for the current semester are paid. No exception will be made and students should come prepared. Tuition fees once paid cannot under any circumstances be returned. Tickets cannot be transferred. Matriculation fees once paid cannot be returned or transferred. Students agree to these conditions when paying fees.

Students transferring from other dental schools are required to pay the matriculation fee.

An annual athletic fee of \$5.00 will be charged each student. This fee is payable on October 1. No student is excused from the payment of this fee.

The annual dues of the Marquette Student Union, an organization to which all male students belong, are \$5.00. No male student is excused from the payment of these dues.

A fee of \$2.00 per examination payable in advance to the Registrar, will be charged each student for whom it is necessary, for any reason whatsoever, to give make-up or condition examinations or special examinations.

Other fees than those mentioned in the preceding text may be charged, but in no case will they exceed \$10.00 a year. This statement is added to provide for any unforeseen contingency that may arise between the time this bulletin goes to press and the date of the opening of the college in October.

EXPENSES.

	First Year	Second Year	Third Year	Fourth Year
Books	\$ 30.00	\$45.00	\$ 37.00	\$25.00
Instruments and school supplies..	120.00	90.00	300.00	50.00
Board, \$5.50 to \$7.00 a week.				
Room, (single) \$3.50 to \$5.00 a week.				
Room, (with room-mate) \$2.50 to \$4.00 a week.				

These estimates are liberal rather than conservative. No estimate can be made for incidentals. This will depend entirely upon the individual.

Most of the instruments that are bought are used after the stu-

dent has become a practicing dentist. Their purchase must be considered with this in mind.

SCHOLARSHIPS.

The college offers post-graduate scholarships each year to the six students of the graduating class who shall be chosen on the basis of scholarship and merit by a faculty committee.

The holders of these scholarships shall be termed **honor men** at the graduation exercises and shall among other advantages be entitled to attend all post-graduate courses offered by the university during the current year.

STUDENT ACTIVITIES.

Dental students are encouraged to take an active part in athletics, especially football and basketball. It is almost assured that the new university gymnasium will be ready for use in the Fall of 1921. The football schedule for 1921 includes a game with Notre Dame.

Dental students take an active interest in the band, the orchestra, the glee club, and various social, dramatic, literary, and religious organizations. The Marquette Student Union provides a common meeting place for the students of all of the colleges of the university. Meals are served at practically cost.

The Marquette Tribune, The Marquette Journal and The Hilltop are publications which are conducted by the students.

MISCELLANEOUS RULES AND INFORMATION.

Governing Conduct.

The school reserves the right to sever its connection with any student who does not show the right attitude toward his work, damages school property, or is objectionable to the faculty because of conduct. The fees of such a student will not be returned. The fees of a student who leaves school of his own volition at any time during the semester will not be returned or credited to him. Students agree to these conditions when they enter school.

Special Students.

No special students will be accepted by the school.

Women Students Are Accepted.

The school is co-educational.

Dental Instruments.

Before a student is permitted to begin his work in the laboratories, he is required to procure the necessary instruments.

In the junior year when the student is ready to take up his practical work in the infirmary clinic, he is required to purchase a complete operative outfit. This same outfit will be used in the senior year and after graduation, in active practice. A complete instrument list is furnished each student at the time he enters school.

Text Books.

Each student is required to provide himself with the text book for each course before being admitted to class. Professors will refuse credit for any course in which a student is not properly provided with text books. Text books may be bought at the book store in the college building.

Room and Board.

The university has no student dormitories. Dental students room in private residences and rooming houses situated in the immediate vicinity of the university. These rooms are examined and approved of by a faculty committee.

There are many restaurants and boarding houses near the dental college building.

TEXT BOOKS.

Freshmen.

Dental Anatomy—Broomell.

Chemistry—Holland.

Prosthetic Dentistry—Wilson.

English—Espanshade.

English Dictionary.

Biology—Menge.

Dental Metallurgy—Brady.

Physics—Kimball.

Comparative Dental Anatomy—
Dewey.

Sophomores.

Anatomy—Gray.

Medical Dictionary.

Histology—Piersol.

Physiology—Howell.

Bacteriology—McFarland.

Operative Dentistry—Black.

Juniors.

Pathology—Stengel and Fox.

Orthodontia—Dewey.

Materia Medica—Prinz.

Crown and Bridge—Goslee.

Radiology—McCoy.

Mouth Hygiene—Fones.

Operative Dentistry—Black.

Dental Histology—Noyes.

Seniors.

Oral Surgery—Blair.

Pathology and Therapeutics—
Burchard.

Jurisprudence—Brothers.

TEETH FOR DENTAL ANATOMY.

In the course in dental anatomy, a great number of teeth is required for the purpose of dissection and study. Any teeth that practicing dentists may see fit to send will be gratefully accepted by Dr. W. J. H. Benson who has charge of the work in dental anatomy. The teeth should be sent to him at Ninth and Wells Streets, Milwaukee. All transportation charges will be paid by the college.

LIMITATIONS.

All statements made in this announcement relate exclusively to the year ending June 1922, and are applicable to all students without regard to date of matriculation. The school reserves the right to make any changes in the faculty, text books, equipment, and course of instruction that it may deem expedient.

COURSE OF STUDY.

First Year.

	Hours Di- dactic	per Week Lab- oratory	Hours Di- dactic	per Year Lab- oratory	Total hours
Chem. 1-2d Inorg. Chem. and Metallurgy	3	4	96	128	224
Biology 1d-2d	2	4	64	128	192
Biol. 3d. Comp. Dent. Anatomy, (Sem. 1)	1	0	16	0	16
Op. Dent. 1. Dental Anatomy, (Sem. 1),	1	2	16	32	
Op. Dent. 2. Dental Anatomy, (Sem. 2),	1	4	16	64	128
Draw. 1d. Technical Drawing, (Sem. 1),	0	3	0	48	48
Prosthetic Technic 1-2.	1	6	32	192	224
English 1d-2d.	3	0	96	0	96
*Physics 1d-2d.	2	0	64	0	64

*Students who do not present high school physics for admission must take 32 hours more instruction in physics.

400 592 992

Second Year.

Prosthetic Technic 3-4	1	6	32	192	224
Anatomy 1-2	4	5	128	160	288
Histology 1-2	2	2	64	64	128
Physiology 1-2	3	1	96	32	128
Bacteriology 1-2	2	2	64	64	128
Chem. 3-4. Org. and Physiol. Chem. ...	2	2	64	64	128
Op. Dent. 3-4 Operative Technics	1	6	32	192	224

480 768 1248

Third Year.

Preventive Dentistry 1. (Sem. 1)	1	0	16	0	
Preventive Dentistry 2. (Sem. 2)	0	32	0	32	48
Infirmary Practice, 1-2, Practice in Preventive, Operative and Prosthetic Dentistry	0	13	0	416	416
Surgery 1. (Sem. 2)	1	0	16	0	16
Pros. Dent. 5-6. Crown and Bridge	1	7	32	224	256
Physical Diagnosis and Principles of Medicine 1. (Sem. 2)	1	0	16	0	16
Anesthesia 1. (Sem. 1)	1	1	16	16	32
Applied Psychology 1d. (Sem. 2)	1	0	16	0	16

Third Year—Continued.

	Hours Di- dactic	per Week Lab- oratory	Hours Di- dactic	per Year Lab- oratory	Total hours
Radiology 1. (Sem. 2)	1	1	16	16	32
General and Dental Pathology 1-2	1	2	32	64	96
Operative Dentistry 5-6	1	0	32	0	32
Materia Medica 1-2	2	1	64	32	96
Orthodontia 1-2	1	1	32	32	64
Histology 3-4—Dental Histology and Embryology	1	1	32	32	64
			320	864	1184

Fourth Year.

Infirmary Practice, 3-4.

Practice in Preventive, Operative,
and Prosthetic Dentistry, Radiology,
Orthodontia, Dental Pathology, and
Exodontia

Exodontia	0	30	0	960	960
Preventive Dentistry 3. (Sem. 1)	1	1	16	16	32
Preventive Dentistry 4. (Sem. 2)	0	2	0	32	32
Pathology 3-4. Dental Pathology and Therapeutics	2	0	64	0	64
Economics and Ethics 1. (Sem. 2)	1	0	16	0	16
History of Dentistry. 1. (Sem. 1)			8	0	8
Prosthetic Dentistry 7-8	1	0	32	0	32
Operative Dentistry 7-8	1	0	32	0	32
Surgery 2-3. Oral Surgery	1	2	32	64	96
Surgery 4. Exodontia. (Sem. 1)	1	1	16	16	32
Orthodontia 3-4	1	0	32	0	32
Dental Jurisprudence 1. Sem. 1)	1	0	16	0	16
English 3-4. Seminar	1	0	32	0	32
			296	1088	1384

Total for four years.....4808

TABULAR REVIEW OF COURSE OF STUDY.

Arranged in Related Groups.

	Hours.
Inorganic chemistry and metallurgy	224
Organic and physiological chemistry	128
Physics	64
Group total	416
Anatomy	288
Histology and embryology	192
Biology	192
Comparative dental anatomy	16
Group total	688
Physiology	128
Materia Medica	96
Group total	224
Bacteriology	128
General pathology	80
Dental pathology	80
Preventive Dentistry	112
Physical diagnosis and principles of medicine	16
Group total	416
Dental anatomy	128
Operative technics	192
Operative dentistry	96
Group total	416
Prosthetic technics	448
Crown and bridge technics	224
Prosthetic dentistry	64
Group total	736
Principles of surgery	16
Oral surgery and oral surgery clinic	26
Exodontia	32
Anesthesia	32
Radiology	32
Group total	208

Orthodontia and orthodontia technic	96
Group total	96
Jurisprudence	16
Economics and ethics	16
History of dentistry	8
English	96
Seminar	32
Technical drawing	48
Applied psychology	16
Group total	232
Infirmary practice	1376
Group total	1376
Total for entire course	4808

CHEMISTRY—PHYSICS.

Chemistry 1-2d.—Inorganic Chemistry and Metallurgy.—Freshman Year.

A study of the elements, their compounds, characteristics and properties. Particular attention is paid to the compounds, such as alloys, cements, and amalgams, and to the metals, such as gold, platinum, and aluminum, that are employed in the practice of dentistry.

Chemistry 3-4.—Organic and Physiological Chemistry.—Sophomore Year.

A study of organic chemistry. Physiological chemistry is given special attention in the laboratory.

Physics 1d.-2d.—Freshman Year.

A lecture course in mechanics, heat, and electricity.

ANATOMY.

Human Anatomy 1-2.—Sophomore Year.

A detailed study of the anatomy of the entire human body by means of lectures and dissection.

Histology 1-2.—General Histology.—Sophomore Year.

A study of the minute anatomy of the body tissues.

Histology 3-4.—Dental Histology and Embryology.—Junior Year.

The tissues of the teeth and oral cavity are made the subject of detailed study.

Biology 1d. 2d.—Freshman Year.

A study of the fundamental properties of living things as illustrated by the animal forms selected for laboratory study.

Biology 3d.—Comparative Dental Anatomy.—Freshman Year.

A brief course in which the various types of tooth forms are studied.

PHYSIOLOGY.—MATERIA MEDICA.**Physiology 1-2.—Sophomore Year.**

The functions of the body structures, their composition, operation, and their inter-relations.

Materia Medica 1-2.—Junior Year.

A lecture and laboratory course in the classification, compounding, composition, properties, and action of drugs and medicines.

PATHOLOGY, BACTERIOLOGY, PREVENTIVE DENTISTRY.**Pathology 1-2.—General and Dental Pathology.—Junior Year.**

A study of diseased conditions in body tissues illustrated by gross and microscopical specimens.

Pathology 3-4.—Dental Pathology and Therapeutics.—Senior Year.

A consideration of the diseases of the teeth and associated parts together with a study of the treatment for such diseases.

Bacteriology 1-2.—Sophomore Year.

A study of the morphology and biology of bacteria, laboratory methods, sterilization, disinfection, antisepsis, asepsis, animal inoculation, vaccines, and bacteriological investigation.

Preventive Dentistry 1-2.—Junior Year.

This course treats of the health of the mouth and its preservation.

Preventive Dentistry 3-4.—Senior Year.

A continuation of course 1-2.

Physical Diagnosis and Principles of Medicine.—Junior Year.

Physical diagnosis, especially in its relation to the administration of anaesthetics, is considered.

OPERATIVE DENTISTRY.**Operative Dentistry 1-2.—Dental Anatomy.—Freshman Year.**

A course in the structure, development, characteristics, arrangement, and nomenclature of teeth.

Operative Dentistry 3-4.—Operative Technics.—Sophomore Year.

A course in cavity preparation, filling materials, and the use of dental instruments.

Operative Dentistry 5-6.—Junior Year.

A lecture course in the principles of operative dentistry in conjunction with work upon the patient in the infirmary.

Operative Dentistry 7-8.—Senior Year.

A lecture course that supplements and elaborates upon the lecture course in the junior year.

PROSTHETIC DENTISTRY.**Prosthetic Dentistry 1-2.—Prosthetic Technic.—Freshman Year.**

A laboratory course in the making of various types of artificial dentures.

Prosthetic Dentistry 3-4.—Prosthetic Technic.—Sophomore Year.

An elaboration and extension of the course of the freshman year.

Prosthetic Dentistry 5-6.—Crown and Bridge Technic.—Junior Year.

A course in the principles and practice of crown and bridge work. This course is carried on in part in conjunction with the work in the dental infirmary.

Prosthetic Dentistry 7-8.—Senior Year.

In conjunction with the work in the infirmary, an advanced course in the construction of artificial dentures, crown and bridge work, and mechanical dentistry is given.

ORAL SURGERY—RADIOLOGY.**Oral Surgery 1.—Principles of Surgery.—Junior Year.**

A lecture course in the principles of surgery.

Oral Surgery 2-3.—Senior Year.

Injuries, abnormalities, and surgical diseases of the mouth, jaw, face, and associate parts, illustrated by clinics in the surgical amphitheater.

Oral Surgery 4.—Exodontia.—Senior Year.

A course of lectures on scientific tooth extraction given in conjunction with special clinics and daily practice in the infirmary.

Anesthesia 1.—Junior Year.

The properties and administration of the different anaesthetics are studied in small sections. A special course is given in conductive anaesthesia.

Radiology 1.—Junior Year.

A lecture and laboratory course together with practical daily work in the X-Ray laboratory in making diagnoses for infirmary patients.

ORTHODONTIA.**Orthodontia 1-2.—Junior Year.**

A study of the cause, methods of preservation and correction of oral and dento-facial deformities. Orthodontic appliances are made in the laboratory.

Orthodontia 3-4.—Senior Year.

A continuation of courses 1-2.

Practical application of the theories learned is made on patients in the infirmary clinic.

MISCELLANEOUS.**Dental History 1.—Senior Year.**

A series of cultural lectures on the history of dentistry from the early Egyptians up to modern times.

Ethics 1.—Senior Year.

A study of the ethical questions involved in the practice of dentistry.

Dental Jurisprudence 1.—Senior Year.

The legal relationships of the dentist and the laws that concern the practice of dentistry are considered.

Economics 1.—Senior Year.

A study of the business requirements for professional success in dentistry.

English 1-2.—Freshman Year.

A practical course in college English which is intended to give the student the ability to express himself fluently, clearly, and effectively, both in speaking and writing.

English 3-4.—Seminar.—Senior Year.

Students are given practice in writing, reading, and discussing original papers on dental and other scientific subjects. The student will be prepared to take an active interest in the meetings of dental societies and similar organizations.

Applied Psychology 1d.—Junior Year.

A brief course in psychology as it is applied to the practice of dentistry.

Drawing 1d.—Technical Drawing.—Freshman Year.

This course consists in: (1) instruction and practice in lettering, (2) the production of simple working drawings, (3) the production of dental charts intended for illustrative purposes.

INFIRMARY PRACTICE.**Infirmary Practice 1-2.—Junior Year.**

Practice upon the patients that present themselves at the dental infirmary. Training is given in preventive dentistry, operative dentistry, and prosthetic dentistry.

Infirmary Practice 3-4.—Senior Year.

Practical training in preventive dentistry, operative dentistry, prosthetics, orthodontia, ceramics, crown and bridge work, exodontia,

anaesthesia, radiographic technic, and dental pathology and therapeutics.

POST-GRADUATE COURSES.

Post-graduate courses in dentistry are offered in June every year. These courses are described in a separate bulletin which will be sent upon request.

EXTENSION COURSES.

Certain members of the dental faculty are available to dental societies and dental study clubs situated in Wisconsin. The extension courses are described in a separate bulletin which will be sent upon request.



GRADUATES.

The College of Dentistry has 1,009 graduates. The list has become too cumbersome to print in the catalogue each year. A complete record of the names and addresses of the graduates is kept in the office of the registrar. Address the college for information concerning the location of any of the graduates.

ALUMNI ASSOCIATION.

The Alumni Association of the College of Dentistry gives a clinic and manufacturers' exhibit in February every year, to which all ethical dentists are invited. In February 1920 over 1,500 dentists from Wisconsin and the surrounding states attended this clinic. The 1921 clinic was abandoned in order that the members might devote their entire energies to contribute to the success of the National Dental Association meeting in Milwaukee in August 1921. The Alumni Association will again hold a meeting in February 1922.

OFFICERS FOR 1920-1921.

President.....	John E. Purtell.....	211 Grand Avenue
First Vice-President..	V. A. Smith.....	120 Wisconsin Street
Second Vice-President.	Howard Mertz.....	Berlin, Wisconsin
Treasurer.....	Arthur A. Jennings.....	966 Oakland Avenue
Secretary.....	William H. Reuter.....	1076 Teutonia Avenue

BOARD OF DIRECTORS.

William Hopkinson.....	388 Brady Street
Roy Hopkinson.....	Wisconsin National Bank Bldg.
Arthur C. Rhode.....	Wells Bldg.
William J. H. Benson.....	Metropolitan Bldg.
N. E. Uelmen.....	Wells Bldg.

STUDENTS IN ATTENDANCE

FRESHMEN.

Class 1924.

Abbott, T. R.....	Milwaukee, Wis.	Hanson, E. C.....	Westboro, Wis.
Albrecht, A. W.....	Kewaunee, Wis.	Harris, A. J.....	Stambaugh, Mich.
Babbitz, H. L.....	Milwaukee, Wis.	Hart, G. A.....	Granton, Wis.
Bancroft, J. B.....	Lodi, Wis.	Hawke, J. C.....	Butte, Mont.
Bartle, C. H.....	Argyle, Wis.	Henze, F. F.....	Plymouth, Wis.
Becker, E. A.....	West Bend, Wis.	Hilgert, R. M.....	Altoona, Wis.
Bentz, L. J.....	New London, Wis.	Hill, J.....	Soldiers Grove, Wis.
Bernd, F. L.....	Milwaukee, Wis.	Hood, R. W.....	North Prairie, Wis.
Bettencourt, J. F.	Kapaa Kanai, Hawaii	Horschak, A. J.....	La Crosse, Wis.
Bing, C. E.....	Racine, Wis.	Hughes, R. M.....	Dodgeville, Wis.
Blake, L. F.....	Milroy, Minn.	Hughes, T. N.....	Rio, Wis.
Blum, A. E.....	Mattoon, Wis.	Hunt, H. W.....	Greenwood, Wis.
Bonic, M. W.....	Milwaukee, Wis.	Innes, C.....	Oaxaca, Mexico
Bowhousen, G.....	Fond du Lac, Wis.	Jacobs, G. G.....	Crystal Falls, Mich.
Braatz, A. O.....	Racine, Wis.	Jensen, E. C.....	McIntosh, Minn.
Brodzeller, L. A.....	Kewaskum, Wis.	Jensen, R. W.....	McIntosh, Minn.
Branson, W. E.....	Prairie du Chien, Wis.	Joannis, W. C.....	Washburn, Wis.
Canar, R. F.....	Mondovi, Wis.	Jolin, R. E.....	Tigerton, Wis.
Carney, E. L.....	Wabeno, Wis.	Jordan, W. A.....	Chisholm, Minn.
Carter, E. J.....	Marinette, Wis.	Kartak, E.....	St. Paul, Minn.
Cavanaugh, M. G.....	Reedsville, Wis.	Keilty, E. J.....	Spokane, Wash.
Cohn, A. C.....	Milwaukee, Wis.	Kelly, J. C.....	La Crosse, Wis.
Colberg, A. W.....	Wakefield, Mich.	Kelly, W. R.....	Mason City, Ia.
Connors, C. P.....	Negaunee, Mich.	Kleeber, H. C.....	Reedsburg, Wis.
Cooke, G. E.....	Norway, Mich.	Kloehn, S. J.....	Forest Junction, Wis.
Coreoran, C. G.....	Milwaukee, Wis.	Koss, J. E.....	Algoma, Wis.
Costa, A. L.....	Vulcan, Mich.	Kosobud, C.....	Lankin, N. Dak.
Costello, L. D.....	Fond du Lac, Wis.	Krembs, E. A.....	Merrill, Wis.
Couch, C. C.....	Milwaukee, Wis.	Krohn, C. A.....	Milwaukee, Wis.
Craven, A. W.....	Two Harbors, Minn.	Kuich, S. G.....	Milwaukee, Wis.
Crawford, R. W.....	Frederic, Wis.	Laughrin, W. J.....	Hilbert, Wis.
Curtiss, F. W.....	Madison, Wis.	Lee, Royal.....	Dodgeville, Wis.
Dalton, L. A.....	Antigo, Wis.	Lewis, H. P.....	Milwaukee, Wis.
De Mars, R. N.....	Washburn, Wis.	Libby, O. G.....	Evansville, Wis.
Denne, W. J.....	Stratford, Wis.	Linjer, J. E.....	River Falls, Wis.
Disch, W. T.....	St. Croix Falls, Wis.	Lipke, D. N.....	Stratford, Wis.
Dishmaker, G. M.....	Kewaunee, Wis.	Loughlin, G. W.....	Hillyard, Wash.
Domsky, D.....	Racine, Wis.	Marnitz, G. W.....	Milwaukee, Wis.
Donahue, E. W.....	Park Falls, Wis.	Martin, A. A.....	Milwaukee, Wis.
Doran, C. W.....	Rockford, Ill.	McDonald, J. S.....	Hawley, Minn.
Doyle, B. F.....	La Crosse, Wis.	McGee, Wiley A.....	Antigo, Wis.
Dresen, O. M.....	Sauk City, Wis.	McGill, G. J.....	Winona, Minn.
Drill, J. N.....	Princeton, Wis.	McGrath, C. F.....	Iron Mountain, Mich.
Driscoll, R. J.....	Hubbell, Mich.	McKenna, A. E.....	Caledonia, Minn.
Earle, W. W.....	tomah, Wis.	McKenna, J. F.....	Cloquet, Minn.
Edwards, A. C.....	Milwaukee, Wis.	McLaughlin, R. M.....	Marshall, Minn.
Erling, A. E.....	Milwaukee, Wis.	Melchoir, C. J.....	Gilett, Wis.
Fagan, D. P.....	Prairie du Chien, Wis.	Meuli, W. C.....	Chippewa Falls, Wis.
Fitzgerald, W. C.....	Fond du Lac, Wis.	Meurer, A. A.....	Wauwatosa, Wis.
Friedman, H.....	Milwaukee, Wis.	Moran, R. C.....	Excelsior, Wis.
Frinstahl, F. F.....	Colby, Wis.	Morrison, H. R.....	Menomonie, Mich.
Gannon, T. J.....	Plymouth, Wis.	Muehlmeier, A. H.....	Plymouth, Wis.
Galatz, J.....	Milwaukee, Wis.	Muldowny, B. J.....	La Crosse, Wis.
Garberg, P.....	Hettinger, N. Dak.	Munn, R. B.....	Eau Claire, Wis.
Gardenier, F. W.....	Markesan, Wis.	Murphy, W. W.....	Waucoma, Ia.
Garry, H.....	Manawa, Wis.	Murray, R. F.....	Bayfield, Wis.
Gilbert, A. C.....	Kewaskum, Wis.	Muskowski, E. F.....	Edgar, Wis.
Gleason, R. J.....	Wrightstown, Wis.	Nelson, G. W.....	Gilett, Wis.
Glicklich, I.....	Milwaukee, Wis.	Nordholm, G. W.....	Minong, Wis.
Goggins, K. P.....	Milwaukee, Wis.	Norman, H. A.....	Ortonville, Minn.
Granof, J.....	Milwaukee, Wis.	Ortlieb, P. S.....	Chilton, P. S.
Grossman, D. K.....	Omro, Wis.	Otten, H. G.....	La Crosse, Wis.
Guenther, E. O.....	Chilton, Wis.	Ozanick, V. R.....	Kenosha, Wis.
Guth, A. R.....	Pelican Lake, Wis.	Pasenhofer, H. F.....	Biramwood, Wis.
Hallin, A. B.....	Richland Center, Wis.	Persion, M. M.....	Milwaukee, Wis.
Hamm, G. C.....	Escanaba, Mich.	Peters, A. L.....	Marinette, Wis.
Hammer, P. L.....	Rhineland, Wis.	Peterson, A. S.....	Donnybrook, N. Dak.

FRESHMEN—Continued.

Pichotta, J. E.....	Wabeno, Wis.	Sprafka, F. G.....	Stevens Point, Wis.
Pierce, L. C.....	Union Grove, Wis.	Stangel, D. F.....	Tisch Mills, Wis.
Pohle, I. T.....	Bloomington, Wis.	Stetler, L. C.....	Mauston, Wis.
Potter, D. C.....	Butte, Mont.	Stumpf, W. J.....	Milwaukee, Wis.
Poutre, R. F.....	Manistee, Mich.	Swartz, H. W.....	London Mills, Ill.
Prees, R. J.....	Cambria, Wis.	Thompson, R. W.....	New London, Wis.
Prescott, W. L.....	Princeton, Minn.	Thoma, G. G.....	Milwaukee, Wis.
Quinlan, W. C.....	Seymour, Wis.	Thorsen, M. S.....	Ashland, Wis.
Reith, L. C.....	Kenosha, Wis.	Tripanier, Lloyd.....	Westboro, Wis.
Remmel, W. H.....	Waupaca, Wis.	Toonen, H. H.....	De Pere, Wis.
Rochwerger, I. H.....	Milwaukee, Wis.	Tierney, P. W.....	Superior, Wis.
Rooney, T. J.....	Kenosha, Wis.	Uelmen, L. J.....	Campbellsport, Wis.
Rubnitz, J. H.....	Milwaukee, Wis.	Van Deuren, C. A.....	Green Bay, Wis.
Ruka, L. W.....	Boscobel, Wis.	Vanek, H. J.....	Prairie du Chien, Wis.
Saari, W. J.....	Marquette, Mich.	Van Hollen, R. L.....	Osceola, Wis.
Sandner, F. J.....	Milwaukee, Wis.	Vermeulen, W.....	Waupun, Wis.
Sands, S. K.....	Chippewa Falls, Wis.	Vollendorf, H. H.....	Manitowoc, Wis.
Savers, N.....	Eastlake, Mich.	Wanless, H. W.....	Richland Center, Wis.
Schad, C. C.....	Milwaukee, Wis.	Weinzierl, E. L.....	Tower, Minn.
Schofield, I. P.....	Chetek, Wis.	Wentz, I. W.....	Sheboygan, Wis.
Schuster, C. J.....	Manitowoc, Wis.	Wentz, G. J.....	Sheboygan, Wis.
Serstad, M. R.....	Lodi, Wis.	Werrell, E. P.....	Eau Claire, Wis.
Severson, S. H.....	Stoughton, Wis.	Wilkes, A. E.....	Cambria, Wis.
Sexton, C. G.....	Bayfield, Wis.	Williams, E. O.....	Racine, Wis.
Shapiro, N. W.....	Durand, Wis.	Williams, L. E.....	Reedsburg, Wis.
Shannon, G. J.....	Eau Gale, Wis.	Zimmerman, W. C.....	Reedsburg, Wis.
Skon, G. E.....	Rib Lake, Wis.	Zoeller, L. F.....	Milwaukee, Wis.
Snyder, M. S.....	Reedsburg, Wis.		

SOPHOMORES.

Class 1923.

Arneson, W. G.....	Milwaukee, Wis.	Ducklow, G. N.....	Oconomowoc, Wis.
Babcock, J. A.....	Cavalier, N. Dak.	Ederer, B. F.....	Morton, Minn.
Baker, H. R.....	Odanah, Wis.	Falkner, R. H.....	Marshfield, Wis.
Bartsch, A. R.....	Mayville, Wis.	Felling, A. L.....	Wausau, Wis.
Beck, V. V.....	Madison, Wis.	Fisher, C. A.....	Duluth, Minn.
Belscamper, V. W.....	Mt. Hope, Wis.	Fitzgerald, L. E.....	Antigo, Wis.
Betner, F. Z.....	Turkey River, Ia.	Fjelstad, G. G.....	Madison, Wis.
Bicha, F. C.....	La Crosse, Wis.	Flaten, M. C.....	Edinburg, N. Dak.
Bickel, M. O.....	Beloit, Wis.	Fosmo, F. W.....	Martell, Wis.
Biersack, W. A.....	Beaver Dam, Wis.	Frederickson, A. C.....	Racine, Wis.
Biller, Jacob C.....	Milwaukee, Wis.	Garrity, J. C.....	Antigo, Wis.
Binning, R. E.....	Unity, Wis.	Gieseler, A. W.....	Milwaukee, Wis.
Boll, James E.....	Antigo, Wis.	Gingrass, R. P.....	Marquette, Mich.
Brassington, E. B.....	Milwaukee, Wis.	Goldstein, M. H.....	Wausau, Wis.
Brauchle, L. C.....	Columbus, Wis.	Gowen, C. R.....	Wausau, Wis.
Bruderle, P. E.....	Fond du Lac, Wis.	Greve, H. C.....	Edgar, Wis.
Bruins, Andrew.....	Manitowoc, Wis.	Haberland, W. P.....	Verona, Wis.
Buechler, P. A.....	Milwaukee, Wis.	Hagberg, G. C.....	Brainer, Minn.
Bull, F. A.....	La Crosse, Wis.	Haggerty, R. W.....	Rochester, Minn.
Busch, Orrin R.....	Algoma, Wis.	Hammerburg, K.....	Carney, Mich.
Campbell, L. J.....	Waukesha, Wis.	Hanifan, J. C.....	Emmetsburg, Ia.
Cardinal, A. J.....	Niagara, Wis.	Hanson, I. H.....	Chippewa Falls, Wis.
Casanova, J. R.....	Hudson, Wis.	Harris, J. S.....	Milwaukee, Wis.
Casey, J. T.....	Abbottsford, Wis.	Hartz, J. L.....	Merrill, Wis.
Ciszewski, L. F.....	Milwaukee, Wis.	Healey, D. F.....	Antigo, Wis.
Clute, R. H.....	Greenwood, Wis.	Hoehne, V. T.....	Superior, Wis.
Coleman, I. L.....	Milwaukee, Wis.	Houghton, R. H.....	Manitowoc, Wis.
Connell, L. F.....	Menomonee Falls, Wis.	Houlehan, A. R.....	Stevens Point, Wis.
Cook, Arthur.....	Waupaca, Wis.	Huber, W. F.....	Fountain City, Wis.
Cook, I. L.....	Gillett, Wis.	Hughes, C. C.....	Pardeeville, Wis.
Coppersmith, R. J.....	Milwaukee, Wis.	Indihar, J. E.....	Gilbert, Minn.
Corbett, B. L.....	Sault Ste. Marie, Mich.	Jacobs, A. F.....	Superior, Wis.
Corey, W. L.....	St. Croix Falls, Wis.	Jarvis, D. J.....	Waukesha, Wis.
Crowford, Dell O.....	Rochester, Minn.	Johnson, A. E.....	Tounsens, Mont.
Crowe, J. E.....	Antigo, Wis.	Johnson, E. W.....	Hawley, Minn.
Curtis, D. J.....	Pardeeville, Wis.	Jones, E. W.....	Rhineland, Wis.
Dogot, A. J.....	Kaukauna, Wis.	Just, A. J.....	Cooperstown, Wis.
Doyle, H. W.....	N. McGregor, Ia.	Karst, E. W.....	Fond du Lac, Wis.

SOPHOMORES—Continued.

Kayser, L. R.	Green Bay, Wis.	Reinke, A. W.	Appleton, Wis.
Klobuchar, F. J.	Calumet, Mich.	Robinson, D. K.	Muskegon, Mich.
Knister, R. E.	Rhineland, Wis.	Sabin, F. B.	Ladysmith, Wis.
Kreutzer, G. E.	Athens, Wis.	Sanwick, Otto	Viroqua, Wis.
Krull, R. C.	Three Rivers, Mich.	Schaller, L. P.	New London, Wis.
Kukar, Leo	Gilbert, Minn.	Schleyer, H. A.	Kenosha, Wis.
Kulstad, H. M.	Rib Lake, Wis.	Schilling, L. F.	Minocqua, Wis.
Kupper, A. A.	Tomah, Wis.	Schroeder, R. H.	Marshfield, Wis.
Lange, R. E.	Westfield, Wis.	Selgren, C. H.	Janesville, Wis.
Lanzer, F. E.	Bloomer, Wis.	Seng, J. A.	Milwaukee, Wis.
Latterell, A. L.	Foley, Minn.	Shea, D. S.	Chippewa Falls, Wis.
Laughlin, M. D.	Marion, Wis.	Shumman, S. B.	Milwaukee, Wis.
Le Clair, P. E.	Green Bay, Wis.	Siewert, M. A.	Clintonville, Wis.
Lione, G.	Lodi, Wis.	Smart, G. E.	New London, Wis.
Lomas, L. C.	Fennimore, Wis.	Smith, C. C.	Rib Lake, Wis.
Lusthaus, L. J.	Milwaukee, Wis.	Smith, R. R.	Ashland, Wis.
Lynch, W. P.	Superior, Wis.	Sorenson, M. M.	Racine, Wis.
MacLennon, R. R.	Wausau, Wis.	Stevens, F. J.	Ashland, Wis.
Mashek, R. J.	Milwaukee, Wis.	Sturgul, J. P.	Hurley, Wis.
Mauch, R. G.	Rib Lake, Wis.	Taggart, G. M.	Rhineland, Wis.
May, R.	Reeseville, Wis.	Temme, W. F.	Berlin, Wis.
McConnell, E. D.	Darlington, Wis.	Thorning, S. C.	Milwaukee, Wis.
McDonald, A. A.	New Orleans, La.	Tinkham, G. E.	Baraboo, Wis.
Moloney, E. J.	Ishpeming, Mich.	Van Ells, R. J.	Port Washington, Wis.
Morgan, L. C.	Madison, Wis.	Voss, H. G.	Racine, Wis.
Mossey, F. V.	Dodgeville, Wis.	Walker, H. N.	Richland Center, Wis.
Murphy, P. J.	New London, Wis.	Ware, C. C.	Boscobel, Wis.
Nicholson, W. J.	Duluth, Minn.	Wehrley, O. M.	Wausau, Wis.
Nolan, W. E.	Phillips, Wis.	Weiherr, R. J.	Bloomer, Wis.
Pashinsky, D. B.	Milwaukee, Wis.	Weinzierl, E.	Tower, Minn.
Peffer, A. L.	Waukesha, Wis.	Wentz, A. E.	Plymouth, Wis.
Peil, F. W.	Racine, Wis.	White, E. F.	Duluth, Minn.
Peterson, E. F.	Sturgeon Bay, Wis.	Wicklund, W. G.	Cloquet, Minn.
Pitzen, W. C.	Hastings, Minn.	Wilcox, C. M.	Dodgeville, Wis.
Poulter, J. A.	Milwaukee, Wis.	Wilhelm, C. F.	Oconto Falls, Wis.
Pusch, H. G.	Milwaukee, Wis.	Wilhelmi, J. E.	Nekoma, N. Dak.
Reetz, E. W.	Bloomer, Wis.		

JUNIORS.

Class 1922.

Amthor, W. S.	Waupun, Wis.	Hostetter, H. C.	Grafton, N. Dak.
Ahmann, A. J.	Remsen, Ia.	House, L. L.	Bloomer, Wis.
Antonofsky, W.	Milwaukee, Wis.	Hurley, W. F.	Chilton, Wis.
Baus, E. P.	St. Cloud, Wis.	Jardine, N. J.	Waupaca, Wis.
Blackwood, J.	Milwaukee, Wis.	John, E. W.	Milwaukee, Wis.
Blumenthal, L.	Milwaukee, Wis.	Justin, J. P.	Milwaukee, Wis.
Brassington, L. M.	Milwaukee, Wis.	Kinzie, M. J.	Avoca, Wis.
Braunworth, I. H.	Prentice, Wis.	Kleinschmidt, N. W.	Oshkosh, Wis.
Bruder, E. G.	Mayville, Wis.	Kohl, W. M.	Mayville, Wis.
Cain, S. L.	Evansville, Wis.	Koppel, S.	Milwaukee, Wis.
Clark, F. J.	Manitowoc, Wis.	Korb, M. A.	Boyd, Wis.
Clemence, H. W.	Milwaukee, Wis.	Krueger, W. E.	Watertown, Wis.
Cubela, H. H.	Milwaukee, Wis.	Leonhardt, W.	Milwaukee, Wis.
Davies, G. J.	Milwaukee, Wis.	Lorimer, B. M.	Milwaukee, Wis.
Dowling, J. H.	St. Paul, Minn.	Luebke, W. A.	Clintonville, Wis.
Dresser, H. B.	Phlox, Wis.	Manning, C. J.	Hartford, Wis.
Drosen, E.	Milwaukee, Wis.	Marretts, E. R.	Milwaukee, Wis.
Ender, L. W.	Nelson, Wis.	McKinnon, L. W.	Wadena, Minn.
Falk, Hazel	Burlington, Wis.	McInerny, R.	Austin, Minn.
Farrell, R. M.	Butte, Mont.	Mil'er, R.	Markesan, Wis.
Feldstein, B.	Milwaukee, Wis.	Molseed, A. J.	Centerville, S. Dak.
Franklin, J. B.	Milwaukee, Wis.	Mogilia, B. A.	Milwaukee, Wis.
Franklin, N.	Milwaukee, Wis.	Monroe, M. C.	Hartford, Wis.
Frisch, J. G.	Madison, Wis.	Nelson, W. E.	Milwaukee, Wis.
Grewer, P. H.	Glenn Ullin, N. Dak.	Nestingon, A.	Westby, Wis.
Haberman, P. T.	Lodi, Wis.	Nichols, V.	Milwaukee, Wis.
Herman, C. M.	West Bend, Wis.	Pexa, F. J.	Montgomery, Minn.
Hobson, A.	Milwaukee, Wis.	Pierce, L. A.	Kansasville, Wis.
Holvey, C.	Milwaukee, Wis.	Poiron, C.	Milwaukee, Wis.
Holverson, H.	Stoughton, Wis.	Polzin, G. W.	New London, Wis.

JUNIORS—Continued.

Prensky, M.....	Milwaukee, Wis.	Steichen, H. R.....	Dubuque, Ia.
Reichert, J. A.....	West Bend, Wis.	Thomas, H. W.....	Lake Crystal, Minn.
Reinardy, R. S.....	Burlington, Wis.	Urdan, H.....	Milwaukee, Wis.
Rich, A.....	Milwaukee, Wis.	Van Susteren, R. G.....	Little Chute, Wis.
Rosenberg, S. A.....	Milwaukee, Wis.	Warner, R. J.....	Wausau, Wis.
Scharfenberg, C. C.....	Milwaukee, Wis.	Weinstein, N. W.....	Milwaukee, Wis.
Schaller, E.....	Barneveld, Wis.	Witte mann, A. P.....	West Bend, Wis.
Selle veld, H. F.....	Marinette, Wis.	Yap, J. H.....	Dutch East Indies
Serge, J.....	Milwaukee, Wis.	Ziegler, O. A.....	Mayville, Wis.
Stenger, E. A.....	Green Bay, Wis.		

SENIORS.

Class 1921.

Barth, L. D.....	Beaver Dam, Wis.	Johnson, W. L.....	West Allis, Wis.
Bickel, M.....	Reeseville, Wis.	Klee, C. G.....	Rochester, Minn.
Bernhardt, H. E.....	Cassville, Wis.	Koch, W. H.....	Waterloo, Ia.
Baumgartner, G.....	Milwaukee, Wis.	Kuhm, H. W.....	Milwaukee, Wis.
Colleran, J. L.....	Browning, Minn.	Krause, R. J.....	New London, Wis.
Cullen, L. L.....	Basco, Wis.	Lipschutz, H. A.....	Oconto, Wis.
Dean, G. D.....	Shakopee, Minn.	Lutfring, A. E.....	Milwaukee, Wis.
Dowling, D. J.....	Everett, Wash.	Murphy, J. E.....	Portage, Wis.
Dubin, A. A.....	Milwaukee, Wis.	Mulcahy, F. W.....	Milwaukee, Wis.
Dumke, O. A.....	Medford, Wis.	O'Malley, M. J.....	Medford, Wis.
Englander, J. A.....	Milwaukee, Wis.	Pashen, M. A.....	Milwaukee, Wis.
Franta, G. F.....	Montgomery, Minn.	Patterson, W. K.....	Evansville, Wis.
Frey, John.....	Wausau, Wis.	Richardson, W. A.....	St. Cloud, Minn.
Ganzlin, B.....	Sauk City, Wis.	Schnet z, P.....	Milwaukee, Wis.
Geary, V. M.....	Ironwood, Mich.	Sharpe, J. J.....	Milwaukee, Wis.
Gerber, H. A.....	Milwaukee, Wis.	Schemel, R. E.....	Renville, Minn.
Gilling, L.....	Green Bay, Wis.	Sehora, W. J.....	Athens, Wis.
Hand, F. H.....	Plymouth, Wis.	Slaby, L. F.....	Algoma, Wis.
Hanson, A. E.....	Racine, Wis.	Sturm, A. C.....	Port Washington, Wis.
Hanson, D. A.....	Lake Crystal, Minn.	Stollenwerk, R. J.....	Milwaukee, Wis.
Hulbert, R. M.....	Milwaukee, Wis.	Toussaint, G. J.....	Fort Atkinson, Wis.
Hickey, C. H.....	Milwaukee, Wis.	Traeumer, P. H.....	Milwaukee, Wis.
Jambor, M. W.....	Milwaukee, Wis.	Watson, H. J.....	Milwaukee, Wis.
Jensen, N. S.....	Luck, Wis.	Wilson, F. C.....	Oconto Falls, Wis.

GRADUATES.

1920.

None.

POST-GRADUATE CERTIFICATES.

1920.

Cast-Clasp Removable Bridgework.

Dr. R. E. Cooper.....	Belmont, Wis.	Dr. C. J. Reinfried.....	Manitowoc, Wis.
Dr. J. F. Thompson.....	Lansboro, Minn.	Dr. H. A. Kuehnell.....	Milwaukee, Wis.
Dr. W. R. Jackson.....	Milwaukee, Wis.	Dr. J. T. Cornwall.....	Rice Lake, Wis.
Dr. J. W. Schutz.....	Milwaukee, Wis.		

Denture Construction.

Dr. J. H. Muenster, Port Washington, Wis.	Dr. J. F. Thompson....Lansboro, Minn.
Dr. J. H. Brooks.....Neillsville, Wis.	Dr. H. O. Schneiders...Marathon, Wis.

Minor Oral Surgery.

Dr. F. E. Raiche.....	Marinette, Wis.	Dr. J. M. Donovan.....	Neenah, Wis.
Dr. D. J. Nelson.....	Osseo, Wis.	Dr. L. W. Booth.....	Milwaukee, Wis.
Dr. H. V. Taylor.....	Milwaukee, Wis.	Dr. W. L. Seng.....	Milwaukee, Wis.
Dr. R. B. Horschak.....	La Crosse, Wis.	Dr. J. F. Thompson....	Lansboro, Minn.
Dr. P. C. Damsel.....	Zanesville, Ohio		

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